

ATLANTIC MICROFILM CORPORATION
700 SOUTH MAIN STREET
SPRING VALLEY, NEW YORK

PRICE LIST

MICRO-FOLIO EQUIPMENT

- | | |
|---|------------|
| 1. MICRO-FOLIO Film Mounter; Model 85A - 16mm only | \$1,495.00 |
| 2. MICRO-FOLIO Film Mounter; Model 85B - 35mm only | 1,495.00 |
| 3. MICRO-FOLIO Desk-Top Duplicator, Model 75 | 189.00 |
| 4. MICRO-FOLIO Adhesive Applicator, Model 64B - 16mm & 35mm
(Available only on special lease) Monthly Rental | 75.00 |

MICRO-FOLIO SERVICES

- | | |
|--|------------------------|
| 1. Application of Special Adhesive to 16mm or 35mm roll-film, per
100' roll | \$ 4.50 |
| 2. Microfilming records and complete MICRO-FOLIO services
available | Prices upon
request |

MICRO-FOLIO SUPPLIES

MICRO-FOLIO Adhesive 1/16" x 106', each

\$ 1.44

MICRO-FOLIO Translucent Title Labels, per M.

15.50

MICRO-FOLIO Acetate Master Sheets; .0075 gauge:

(a) Size 3-1/4" x 5", per C.

\$ 1.71

(b) Size 4" x 6", per C.

2.31

(c) Size 5" x 8", per C.

3.96

(d) Size 3-1/4" x 7-3/8", per C.

2.31

MICRO-FOLIO Diazo Copy Film; .0075 gauge:

(a) Size 3-1/4" x 5", per C.

\$ 5.90

(b) Size 4" x 6", per C.

8.50

(c) Size 5" x 8", per C.

13.75

(d) Size 105 x 148mm, per C.

8.50

(e) Size 3-1/4" x 7-3/8", per C.

8.50

* MICRO-FOLIO Master Envelopes:

Extended Top Tab

3-1/4" x 5", per M.

\$ 16.50

4" x 6" (105 x 148mm), per M.

15.00

5" x 8", per M.

19.50

Open End - Staggered Thumb Cut

3-1/4" x 5", per M.

\$ 7.50

4" x 6", per M.

11.25

5" x 8", per M.

Prices upon
request

* No charge for imprinting on quantities of 100,000 or more.

ATLANTIC MICROFILM CORPORATION
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SPRING VALLEY, NEW YORK

PRICE LIST

MICROFILM EQUIPMENT

Atlantic Portable Microfiche Reader - Model MJR-85.....	\$198.00
Roll-Film Attachment.....	60.00
Atlantic Console Microfiche Reader.....	\$250.00
Atlantic Filmchek:	
Model 1A (includes duplex 16/35mm splicer)	\$198.00
Model 1B (without splicer).....	148.50

KALVAR EQUIPMENT

Colite Model K-10 Printer	\$745.00
Instant Developer - Model 110.....	285.00
<u>Kalvar Sheet Film; .005 gauge:</u>	
Size 3-1/4" x 5", per C.....	\$ 8.00
Size 3-1/4" x 7-3/8", per C.....	11.66
Size 105 x 148mm, per C.....	11.95
Size 5" x 8", per C	20.07

ATLANTIC MICROFILM CORPORATION
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SPRING VALLEY, NEW YORK

PRICE LIST

ATLANTIC FILM FILE CABINETS

For Roll Microfilm

<u>No.</u>	<u>No. of Drawers</u>	<u>Lock</u>	<u>W.</u>	<u>H.</u>	<u>D.</u>	<u>Price</u>
15	5	No	19	x 40	x 26-1/2.....	\$141.00
15L	5	Yes	19	x 40	x 26-1/2.....	155.50
17	7	No	19	x 52	x 26-1/2.....	187.50
17L	7	Yes	19	x 52	x 26-1/2.....	206.50

For Micro-Jackets

No. 2648....	3x5 Jackets....	18" x 52" x 26-1/2....	w/lock.....	\$195.00
	(Capacity - 18,000 Micro-Jackets)		w/o lock.....	175.75
No. 2636....	4x6 Jackets....	15" x 40" x 26-1/2....	w/lock.....	\$131.00
	(6 double drawers)		w/o lock.....	114.25
No. 2644....	4x6 Jackets....	15" x 52" x 26-1/2....	w/lock.....	\$166.25
	(8 double drawers)		w/o lock.....	147.00
No. 2658CH..	5x8 Jackets...	19-1/4" x 40" x 26-1/2....	w/lock.....	\$132.25
	(5 double drawers)		w/o lock.....	117.50
No. 2658....	5x8 Jackets....	19-1/4" x 52" x 26-1/2....	w/lock.....	\$177.00
	(7 double drawers)		w/o lock.....	159.00

APRIL 1, 1965

ATLANTIC MICROFILM READER

Model MJR-85

for Microfiche, Micro-Jackets, Aperture Cards, Sheet Film

Accommodates all flat film sizes up to 5 x 8 in.



- DUAL MAGNIFICATION
- PORTABLE
- MECHANICAL FILM SCANNING
- BRILLIANT IMAGE

Designed for universal use with all "flat" microfilm forms. The film is placed in the special 8 X 5 in. mechanical slide carrier. Lateral adjustment is easily accomplished by fingertip movement of the carrier; vertical adjustment by turning the large knob on the front of the unit.

The dual-magnification feature allows you to see the entire film frame reproduced on the screen. Selected areas may then be magnified to twice original size, in a fraction of a second, by flipping in the other lens.

- LOW COST ... \$198.00

ROLL-FILM ATTACHMENT
AVAILABLE.....\$60.00

FEATURES

SCREEN

10 x 10 inches. New "lens-screen" produces brilliant image, no sparkling effects.

MAGNIFICATION

11x and 22x standard. 15x also available.

PROJECTION LENSES

High quality, flat undistorted images; easily focused by small control knob located on the front of the reader.

FILM CARRIER

Film is held flat by heavy optical glass flats, assuring uniform focus in all areas.

OPTICAL SYSTEM

150 watt projection lamp; excellent condenser system to insure brilliant even illumination; heat filter and blower cooling to protect film and jackets. Lamp, condensers and heat filter easily removed for cleaning or replacement.

SIZE

Closed: 9 inches high, 13 inches wide, 17 inches deep.
Open: 22 inches high, 13 inches wide, 17 inches deep.

WEIGHT

19 pounds

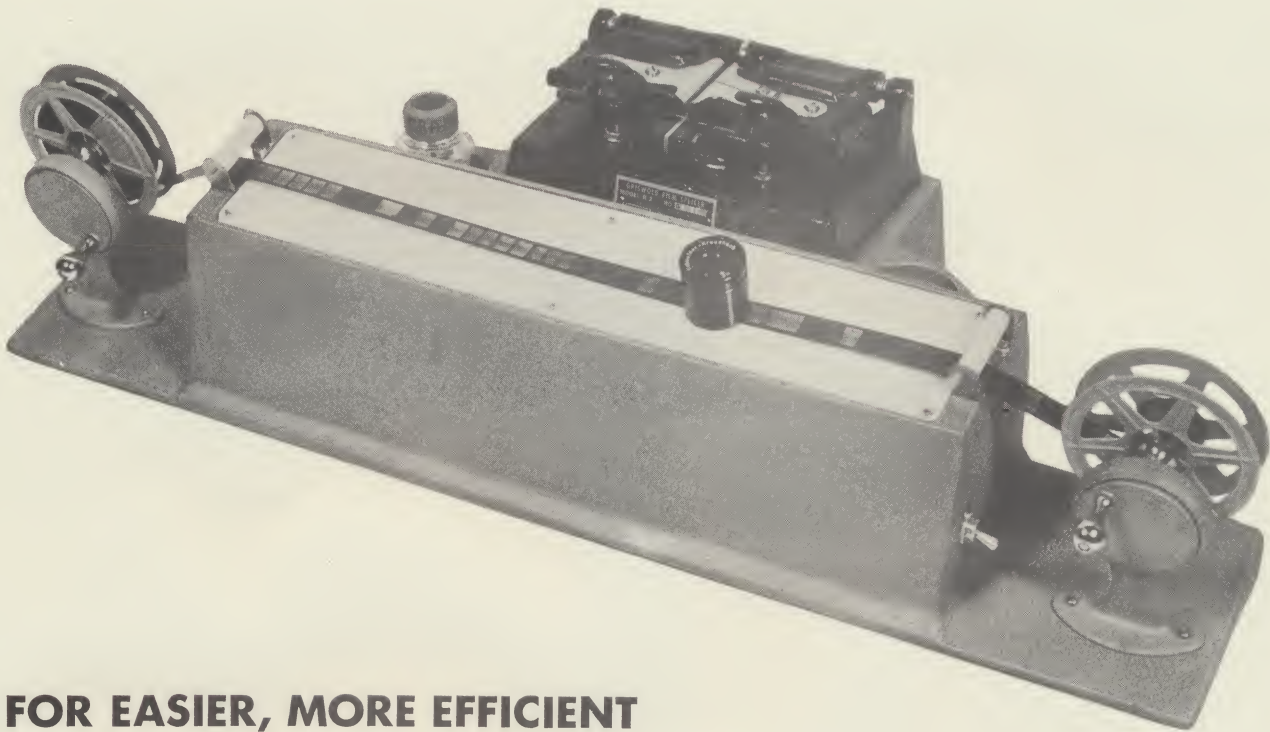
POWER

100-120 volts, 50-60 cycles, 150 watts.

MANUFACTURED BY:

Atlantic Microfilm Corp., Spring Valley, N. Y.

FILMCHEK



**FOR EASIER, MORE EFFICIENT
MICROFILM INSPECTION**

2 MODELS

1A includes Griswold Duplex 16/35mm. Splicer (as shown) . \$198.00
1B is same as Model 1A but without Splicer \$148.50

FEATURES

CONSTRUCTION . . . One piece aluminum housing and base finished in hard baked wrinkle finish.

SCREEN . . . Translucent white plexiglas, size 16" x 3" enables operator to inspect many images at one glance.

LENS . . . 8 power, high quality hand lens enables operator to make detailed inspection of individual images.

FILM PROTECTION . . . Film passes over smooth idler rollers to prevent scratching.

REWINDS . . . Geared rewinds have adjustable brake to maintain desired film tension.

POWER . . . 110v., 60 cyl., A.C., 14 watts, 6 foot cord and plug furnished.

ATLANTIC MICROFILM CORPORATION

SPRING VALLEY

NEW YORK

MICRO-FOLIO

Since it was introduced to the industry at the 1964 N. M. A. Show in Philadelphia, the microfiche process called MICRO-FOLIO has gained impetus and is now in wide use throughout the world.

Developed by Atlantic Microfilm Corporation primarily as a means of producing economical microfiche for its' farflung hospital microfilming operations, MICRO-FOLIO was soon discovered to be a unique and applicable unitized microfilm system for industry and government alike.

The MICRO-FOLIO (microfiche) master is created by the use of two basic machines, the Adhesive Applicator and the Film Mounter.

The Applicator initiates the first step, through the bonding of a crystal clear, special adhesive to the outer edges of the film roll. The time required for this phase is just two minutes per 100 foot roll.

The Film Mounter removes the vinyl protective backing from the adhesive and automatically advances the film for mounting on acetate sheets. An experienced operator produces over 1,000 masters per day using the MICRO-FOLIO process.

The main advantages of MICRO-FOLIO are the low initial costs of creating the master, the high degree of flexibility in creating any format desired and the ability to add and delete images thereby insuring an updated version of the particular information at all times. With special adhesive backed translucent labels, even titles can be updated quickly and easily.

The system accommodates any size reduction, card size or format using 16mm and 35mm film, separately or combined.

N. M. A. Microfiche Standard Specifications are easily attained as long as the film output is correct. Anyone owning a Recordak Model D camera equipped with a Conversion Kit No. 8740, can obtain the exact spacing required. A grid gauge of the standard specifications is fastened in place on the Film Mounter to enable the operator to align the film images correctly.

A third unit, the MICRO-FOLIO Diazo Printer is a simple to use, efficient desk-top duplicator for producing reference copies on a demand basis from the MICRO-FOLIO master.

The special adhesive used in MICRO-FOLIO has undergone rigid testing by both the manufacturer and a disinterested testing laboratory, both firms agreeing that accelerated aging tests indicated that the peel strength insured a minimum life of 25 years before the adhesive showed even a nominal loss in bonding qualities.

*perfectly
complemented...*

**FOR THE PRODUCTION AND REPRODUCTION OF MICROFICHE
FROM EXISTING ROLL MICROFILM AND/OR, FROM ORIGINAL
MATERIAL.**

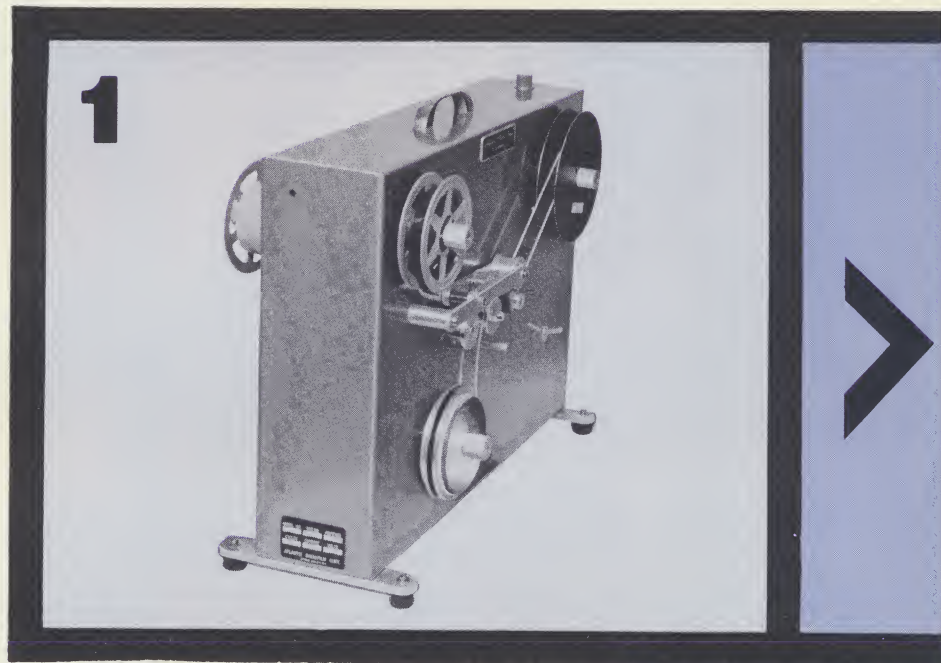
(for other MICRO-SYSTEMS, see back page.)

**MICRO-
FOLIO®**
SYSTEMS



**atlantic
microfilm
corp.**

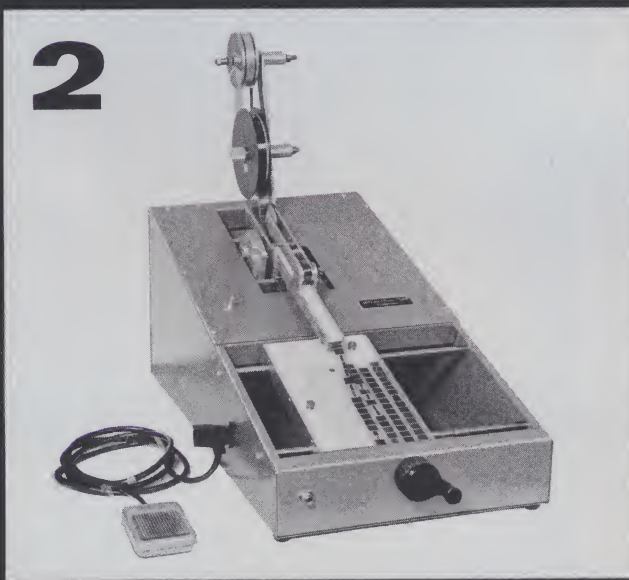
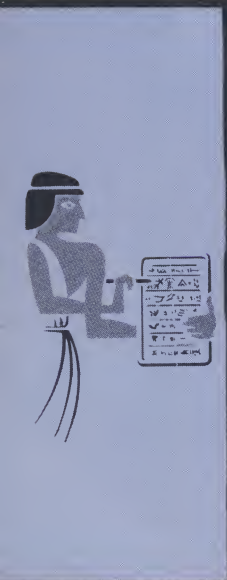
Spring Valley, New York, U.S.A.



THE MICRO-FOLIO APPLICATOR — This compact unit initiates the first step, through the bonding of a crystal clear, special adhesive to the outer edges of the film roll. The time required for this phase is just three minutes per 100 ft. roll . . . both 16 mm and 35 mm film sizes are accommodated.

AN EFFICIENT UNIT FOR EVERY PHASE OF "SELF PERFORMANCE"

THE KALVAR INSTANT DEVELOPER MODEL 110 — An extremely simple unit. It develops Kalvar film in seconds by passing it through heated belts. The resultant copy image is a tough, stable physical structure, impervious to moisture, grease and finger prints with excellent photographic qualities.

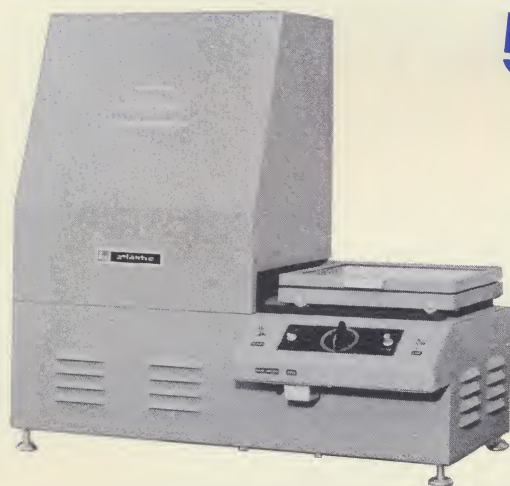


THE MICRO-FOLIO FILM MOUNTER — Removes the vinyl protective backing from the adhesive and automatically advances film for mounting on acetate sheets. This unit will accommodate any card size from: 3" x 5" to 5" x 8"; including the new 105 mm x 148 mm "government standard" . . . both 16 mm and 35 mm film sizes are accommodated.



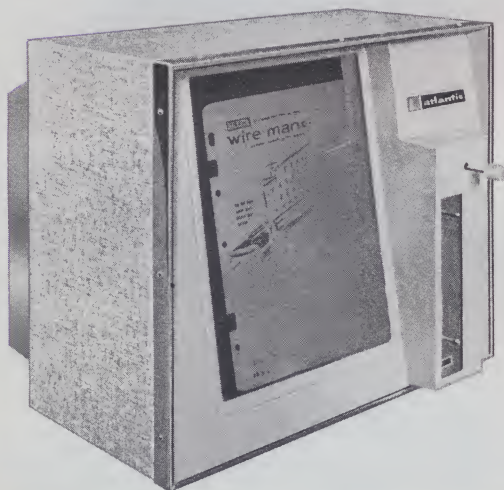
THE MICRO-FOLIO PRINTER — Simple to use, desk top duplicator for producing reference copies on a demand basis, from your MICRO-FOLIO MASTERS. Reproduction copies are completely dry, fine resolution and inexpensive. The Master can then be immediately returned to its file. The Micro-Folio Diazo Printer will accept any size material up to 5" x 8"; will expose and develop diazo film in the one unit and will expose Kalvar film for development in the Kalvar Model 110 pictured at top.

OPERATION WITH TIME SAVING AND COST CUTTING ADVANTAGES!



5

THE COLITE MODEL K - 10 PRINTER — Exposes Kalvar or diazo film in a matter of seconds . . . greatly increasing production of MICRO FOLIO reference copies. It has a 400 watt G-E mercury lamp with 6000 hours life, air filtering and automatic resetting timer.

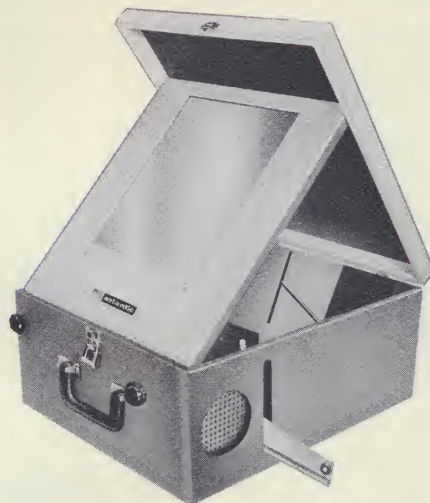


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THE ATLANTIC CONSOLE READER

For viewing microfiche — combines quality construction, attractive appearance, modern styling with simple, foolproof operation. It features 24 times magnification and a 11" x 14" screen. Sharpness of focus and outstanding resolution are result of the superior optics used.

Other features include: front film loading, a single scan knob for both horizontal and vertical scanning.



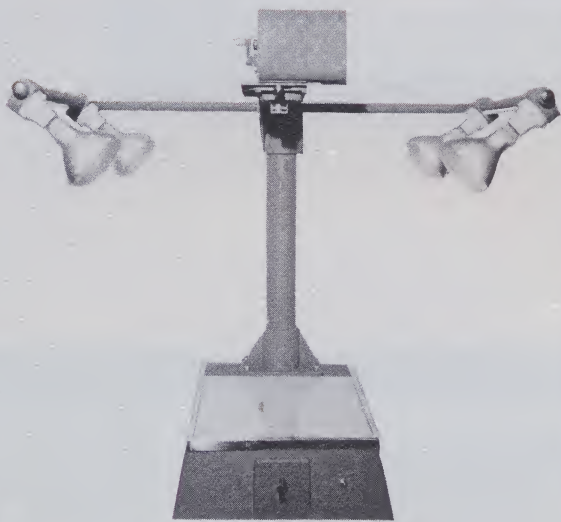
7

THE MJR - 85 PORTABLE MICRO-FOLIO READER . . . at half the cost of other readers. Designed for universal use; it offers features unavailable in any other reader. Unit is completely portable and will accommodate roll film as well as MICRO-FOLIO and micro jackets . . . the perfect complement to any microfiche program.

MICRO-FOLIO®
XXXXXXXXXXXX

OTHER ATLANTIC PRODUCTS...FOR SPECIALIZED MICROFILM APPLICATION

8



atlantic x-ray microfilm camera

The Atlantic X-ray Microfilm Camera operates with extreme simplicity — yet has all the precision features of camera costing twice as much.

The heart of the unit is the illuminator base — newly designed and engineered. Cold-cathode grid lamps provide uniform illumination with a tremendous range of light intensity (not possible with ordinary fluorescent lighting) that can fully compensate for original films that may be too light or too dark.

The camera head is equipped with a Schneider-Kreuznach Componon lens to assure maximum resolution, and distortion-free micro photography. Daylight loading — the camera takes 100' of 35mm film, provides 750 14" x 17" exposures per roll at a reduction ratio of 11 to 1. The perfect reader to complement the X-ray camera is Atlantic's portable reader (shown on preceding page) featuring magnifications of 11 x (for exact size reproduction) and 22 x for enlarging areas that require careful diagnostic study.

atlantic "filmchek"

For easier, more efficient microfilm inspection. The Atlantic "Filmcheck" is the perfect laboratory inspection device — used throughout the world.

FEATURES INCLUDE: High quality hand lens enabling the operator to make detailed inspection of individual images — Smooth idler rollers to prevent scratching plus geared rewinds. Unit is available with or without a combination for 16/35 mm film . . . also available with or without film splicer.

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For complete information contact:

atlantic microfilm corp. ♦ Spring Valley, New York, U.S.A.

MICRO- FOLIO[®]

SEMI-AUTOMATIC, DIAZO PRINTER



**ESPECIALLY DESIGNED FOR
FAST, SIMPLE PRODUCTION
OF DIAZO TRANSPARENCIES**

**MICRO-FOLIO[®] DIVISION OF:
atlantic microfilm corp.**

SPRING VALLEY, NEW YORK, U.S.A.



MICRO-FOLIO®

DIAZO PRINTER

- UNIQUE SEMI-AUTOMATIC OPERATION
- SIMPLE TO OPERATE
- TRIM, MODERN DESIGN
- "AUTO-FEED" AMMONIA DEVELOPER

Your MICRO-FOLIO Diazo Printer is the easiest to use, semi-automatic diazo transparency exposing and developing device available. It is designed for the printing and developing of 5 x 8 inch and smaller dry diazo materials. It is especially suitable for the production of diazo transparencies using Atlantic's exclusive MICRO-FOLIO Microfiche system. And, its operating functions, though simple, are unique in diazo printers.

By following a few basic rules when setting up and operating the MICRO-FOLIO Printer, you are assured excellent reproductions from a wide variety of original material.

The MICRO-FOLIO Printer consists essentially of two operating assemblies: 1. the basic unit incorporating the rotary light source and 2. the developer tube, the polyethylene ammonia feed bottle, and the sponge base container.

Remove these basic components from the shipping carton. Loosen the locking nuts on each end of the printer unit housing, raise the cover, and remove the packing material contained inside and around the light source. Reclose the cover locking it in position.

Assemble the components of the developer assembly removing all packing material. Fill the polyethylene bottle approximately two-thirds full of strong ammonia water (26-28% ammonia water solution). Do not use household ammonia since it is not strong enough to assure maximum development of diazo materials. Position the developer tube into the sponge-containing base after removing the cap, and plug the heater outlet into the built-in electrical receptacle located at the rear of the base of the printing unit. Turn on the ON/OFF switch located on the front panel. (The light will glow when unit is on.) Allow the devel-

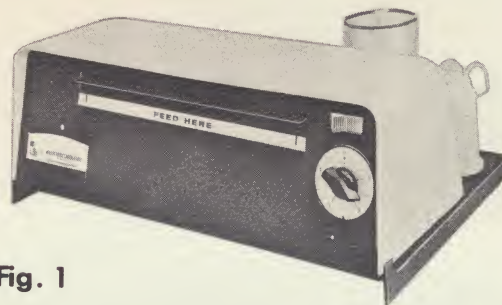


Fig. 1

oper assembly to warm up for approximately two minutes. Open valve on ammonia bottle feed line and squeeze bottle to start ammonia flow into sponge base. Exclusive automatic replenisher keeps vapor strength constant. No failures or half-developed transparencies. Your MICRO-FOLIO Diazo Printer and developer assembly are now ready to operate.

OPERATING INSTRUCTIONS

The MICRO-FOLIO Printer will accept and print up to 5 x 8 inch diazo material. Operating this device is comparable, from the standpoint of exposure to the light source, to any rotary diazo printer on the market. The principle involved is that the light from the black-light fluorescent tube is transmitted through the master, and strikes the surface of the emulsion side of the diazo film to produce the print. Since this device is designed primarily for the production of Microfiche materials, it is important that you remember to feed the master and film into the MICRO-FOLIO Printer on its horizontal plane.

DIAZO PRINTING

Set the timer dial (figure 2) to the appropriate exposure time.

Place your original (Micro-Folio master) face-to-face in contact with the emulsion side of the MICRO-FOLIO Diazo Film, as shown in figure 3. (You can find the emulsion side of your MICRO-FOLIO Diazo Film by holding it in position where the notch is located in the lower right-hand corner; the emulsion side then faces you.) Use the white side of the paper inter-leaf sheet as a back-up sheet to your MICRO-FOLIO diazo film during the printing process.

Hold this sandwich in its horizontal position, and place it in line in the lower feed slot of the MICRO-FOLIO Printer. Hold it snugly against the in-



terior of the printer and in an even alignment. Then push the release button (figure 4) on the timer dial.

Pushing the release button activates the motor. The material, in position in the feed slot, will be picked up by the rotary assembly and fed into the MICRO-FOLIO Printer. At the point where the material is completely wrapped around the diazo printing cylinder, the motor will automatically stop (figure 5). The light will burn for the designated exposure period, at which time the timer will go off and the motor will automatically start again to return the material to you through the return slot (figure 6). When the material has been removed from the return slot, the machine will automatically stop.

Once having exposed your diazo material remove the film and roll it in a vertical direction (emulsion side rolled in); open the diazo developer tube and insert your diazo film. Wait approximately two minutes for complete development of the film. Remember, however, that you cannot over-develop MICRO-FOLIO Diazo Film, so if it is left longer in the developer tube no damage will occur.

APPROXIMATE EXPOSURE TIMES

Exposure times with the MICRO-FOLIO Diazo Printer will vary according to the density of the original material being reproduced and the type of material being reproduced on. As a rule of thumb, printing from a high quality Microfilm

MICRO-FOLIO Microfiche Master onto MICRO-FOLIO Diazo Film will take approximately two minutes exposure time. When using a high speed film reproducing master (such as a SEPIA Intermediate) onto diazo film, exposure time should be approximately one minute.

In judging the proper exposure with diazo materials remember that a very weak, washed out image indicates over-exposure. If there is background or color in the clear areas of the finished print, this indicates under-exposure. Adjust your exposure time accordingly.

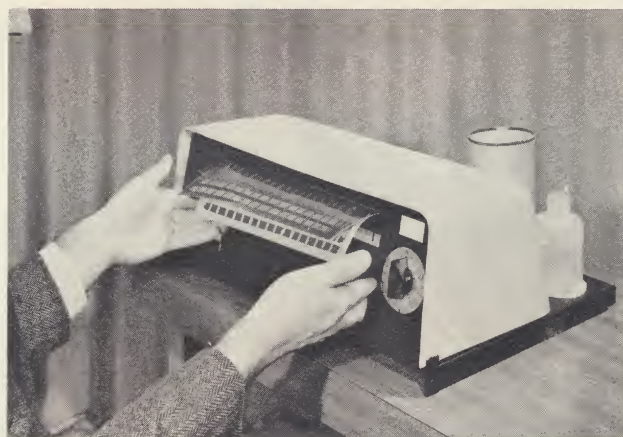


Fig.3

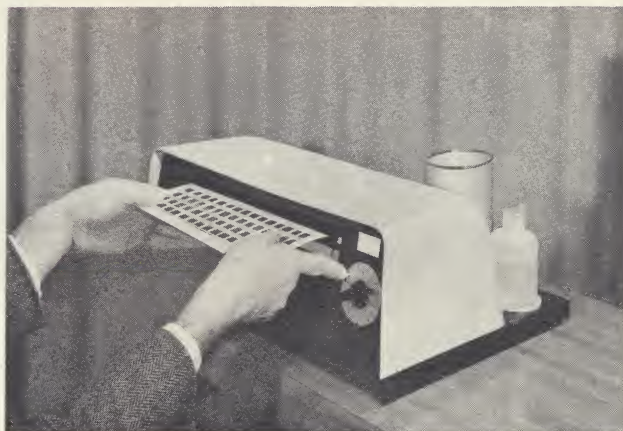


Fig.4

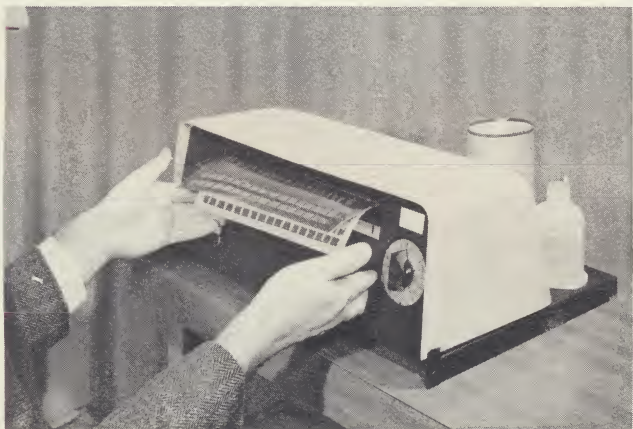


Fig. 6

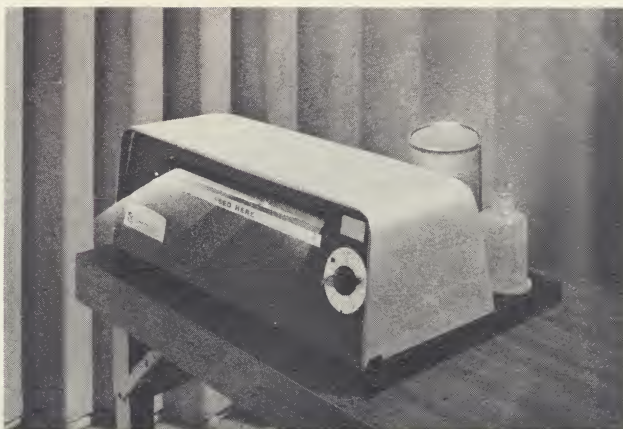


Fig. 5

MAINTAINING YOUR MICRO-FOLIO DIAZO PRINTER

Little or no maintenance is required for the MICRO-FOLIO Diazo Printer except the occasional changing of a lamp and maintaining cleanliness throughout the system. When not in use, or when the unit is to be stowed for a short period of time, e.g.: overnight, weekends etc., arrange the developing components as shown in figure 7.

CLEANING THE DEVELOPER ASSEMBLY

Water residue from the ammonia water solution will collect in the base sponge container of the developer assembly. When you add 28% ammonia water to this water solution, you are further diluting the potency of the ammonia vapor. It is, therefore, necessary to empty the excess water from the developer sponge and container on a regular basis so that only 28% ammonia water is maintained in the system during the developing step. To do this simply remove the developer tube from the sponge base container and pour out the water residue, squeezing the sponge as dry as possible. Be sure cleaning is done with adequate ventilation to avoid excessive ammonia fumes in regular work areas.

CHANGING THE LAMPS

To change the lamp on the MICRO-FOLIO Diazo Printer simply release the lamp at both ends of the sockets, raise it slightly, and slide it out of the cylinder (figure 8). No other dismantling is necessary. Fluorescent black-light lamps of this type have a long life expectancy. However, they do fall off in their richness of ultraviolet light through regular use. When exposure times on the MICRO-FOLIO Diazo Printer seem to become excessive with normal reproduction materials, the lamp should be replaced so that UV emission is maximum.



Fig. 7

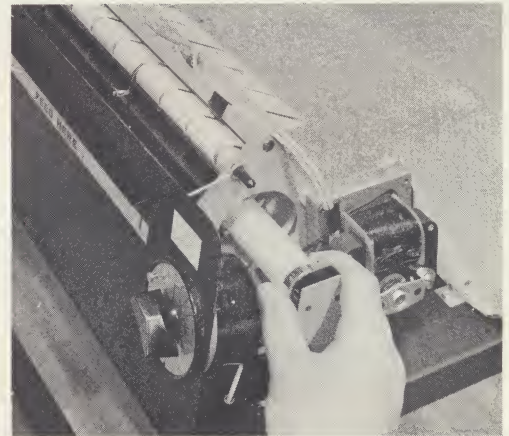
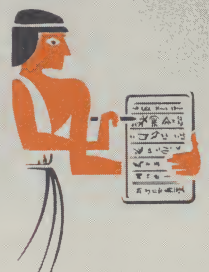
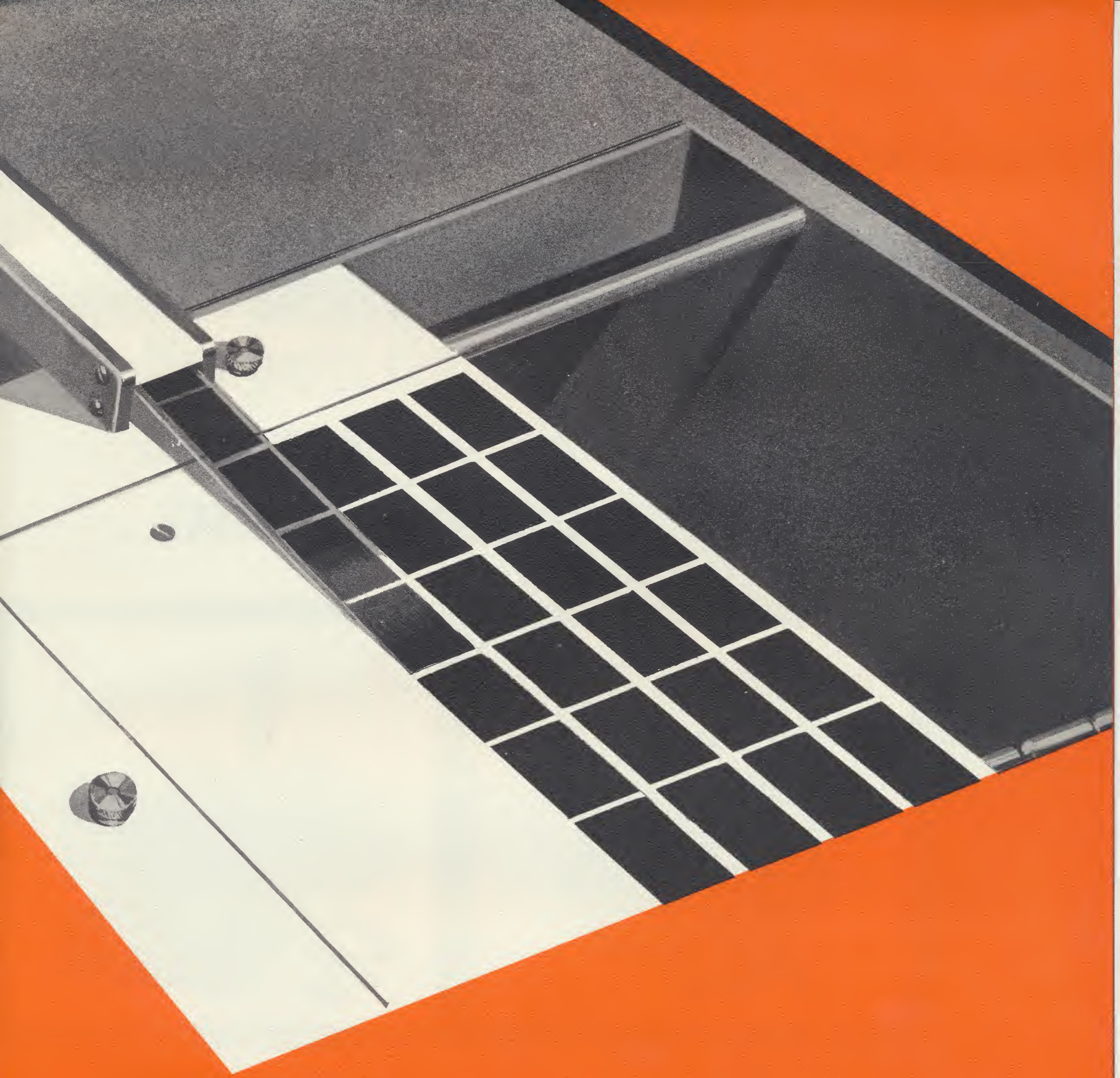


Fig. 8



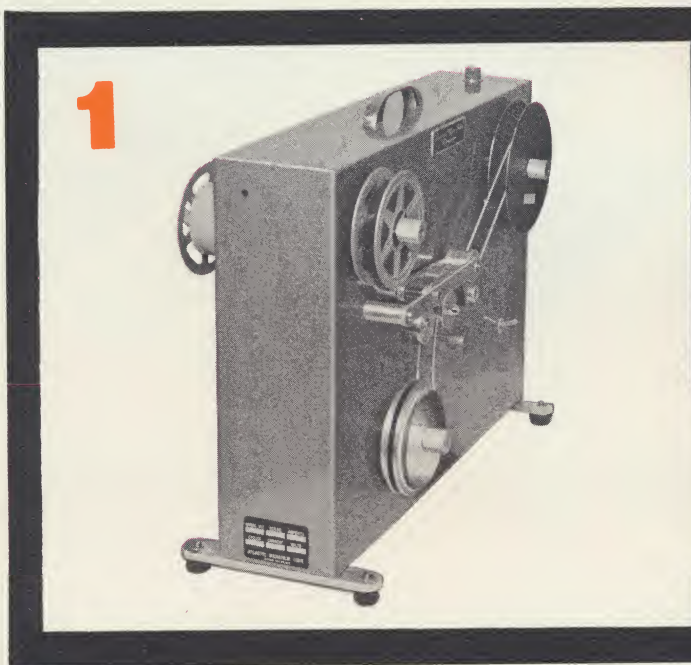


operation: expedience
in microfiche

MICRO-FOLIO[®]

SYSTEMS

For the
production
of microfiche
from existing roll
microfilm or, from
original material...



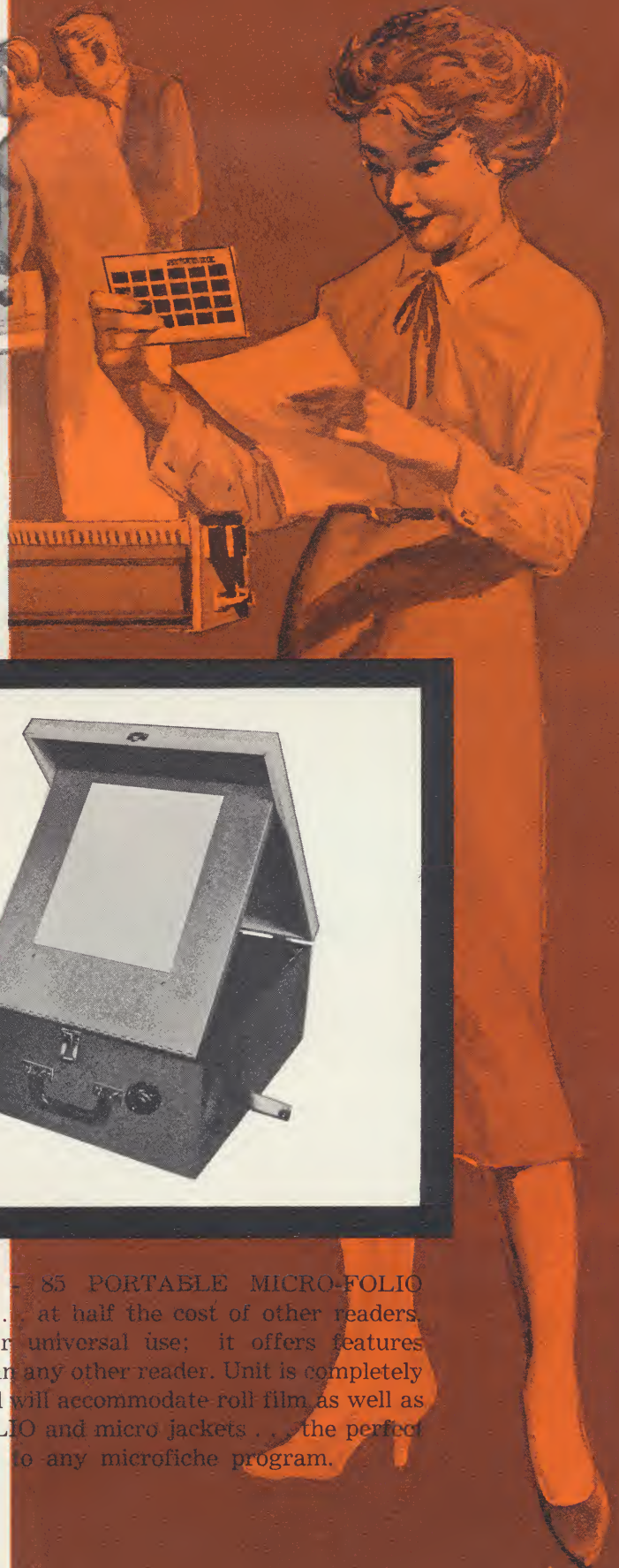
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THE MICRO-FOLIO FILM MOUNTER — Removes the vinyl protective backing from the adhesive and automatically advances film for mounting on acetate sheets. This unit will accommodate any card size from: 3" x 5" to 5" x 8"; including the new 105 mm x 148 mm "government standard". Models available for either 16 mm or 35 mm film.



*MICRO-FOLIO files
remain complete and accessible
at all times!*

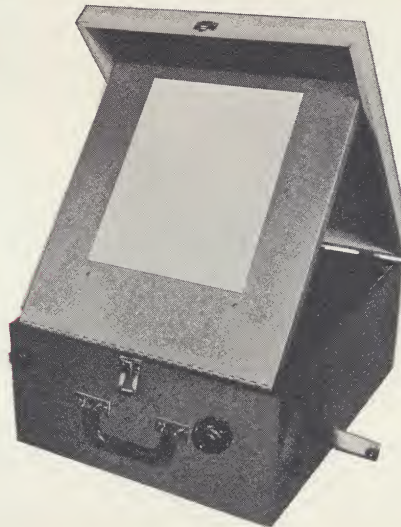


3



THE MICRO-FOLIO DIAZO PRINTER — Simple to use, desk top duplicator for producing reference copies on a demand basis, from your MICRO-FOLIO MASTERS. Reproduction copies are completely dry, fine resolution and inexpensive. The Master can then be immediately returned to its file. The Micro-Folio Diazo Printer will accept any size material up to 5" x 8".

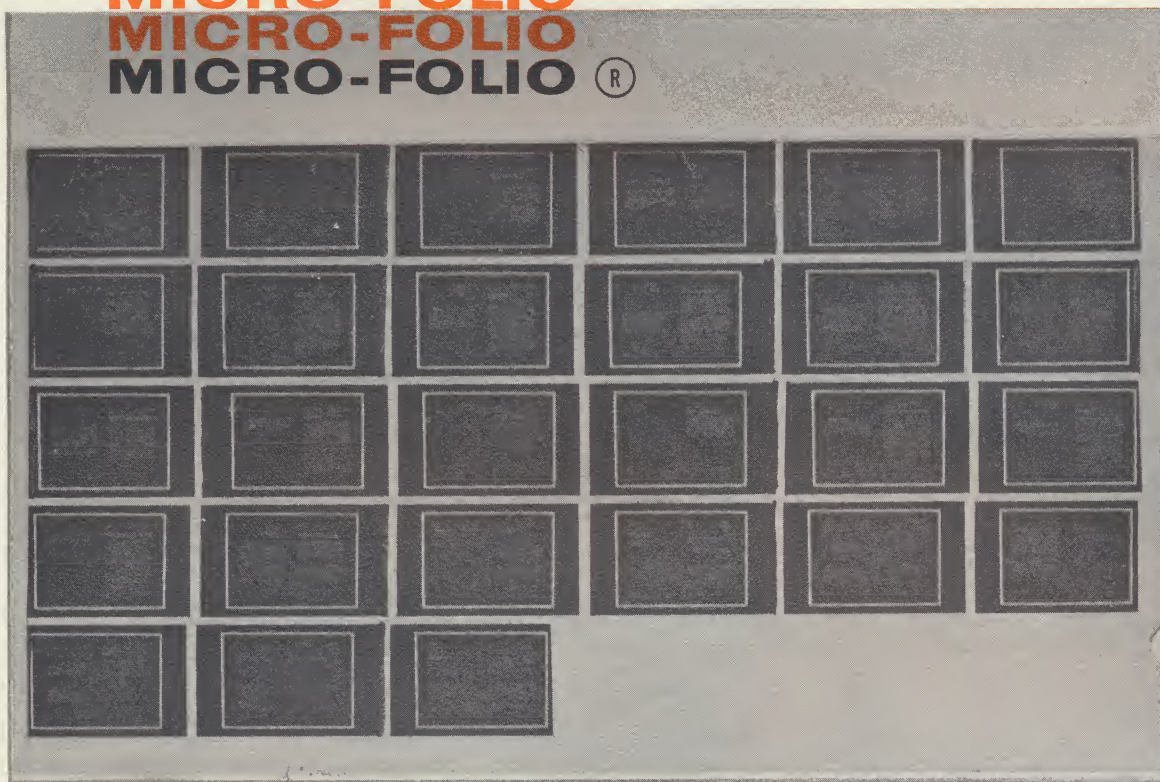
4



THE MJR - 85 PORTABLE MICRO-FOLIO READER . . . at half the cost of other readers. Designed for universal use; it offers features unavailable in any other reader. Unit is completely portable and will accommodate roll film as well as MICRO-FOLIO and micro jackets . . . the perfect complement to any microfiche program.

MICRO-FOLIO
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MICRO-FOLIO
MICRO-FOLIO
MICRO-FOLIO

®



This MICRO-FOLIO MASTER FILE CARD can provide any number of exact, completely dry, duplicate copies, quickly and inexpensively, without ever leaving the record filing area. This unique feature eliminates the dilemma of "incomplete" or "unavailable" records. Copies can be retained indefinitely or destroyed.

Complete duplicate files of indispensable records can be made as a safety measure, at minimal cost and time.

The MICRO-FOLIO System offers many other exclusive features such as:

- Inexpensive — Eliminates the necessity for expensive step - and - repeat cameras and costly hand stripping methods.
- Flexible — Any size fiche — Any reduction — Any format (16 mm, 35 mm, or combinations of both).
- Easy addition or deletion of images (impossible in other microfiche systems)
- Self performance, duplicate copies made on demand basis.
- In-Plant operation or on contract service basis.

For further information contact:

Manufactured by:

**atlantic
microfilm corp.**

Spring Valley, New York